

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (currently amended): A sharpening burr for dressing the grinding surface of a pulpstone, said sharpening burr comprising:

a body having a rotational axis, an outer cylindrical surface about said rotational axis, and a pair of opposite ends bounding said outer cylindrical surface; and

a plurality of teeth formed on said outer cylindrical surface for engaging said grinding surface of said pulpstone, each of said plurality of teeth having a pair of opposite sides connected by a rounded tip portion;

wherein each of said plurality of teeth ~~traverses an axial distance substantially equal to an axial distance between~~ extends from one of said pair of opposite ends bounding said outer cylindrical surface to the other of said pair of opposite ends.

Claim 2 (original): The sharpening burr according to claim 1, wherein each of said pair of opposite sides is linear in profile.

Claims 3-24 (canceled)

Claim 25 (original): In a sharpening burr for dressing the grinding surface of a pulpstone, said sharpening burr comprising a cylindrical body having an outer surface and an axis of rotation, and a plurality of teeth formed on said outer surface for engaging said grinding surface of said pulpstone, the improvement comprising:

each of said plurality of teeth having a lead angle relative to said axis of rotation that varies with axial position along said cylindrical body.

Claim 26 (currently amended): ~~The improvement according to claim 25~~ In a sharpening burr for dressing the grinding surface of a pulpstone, said sharpening burr comprising a cylindrical body having an outer surface and an axis of rotation, and a plurality of teeth formed on said outer surface for engaging said grinding surface of said pulpstone, the improvement comprising:

each of said plurality of teeth having a lead angle relative to said axis of rotation that varies with axial position along said cylindrical body, wherein said variation in said lead angle is a periodic variation.

Claim 27 (original): The sharpening burr according to claim 26, wherein said variation in said lead angle is a sinusoidal variation.